

In the claims:

1. (Canceled)
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Original) A system for generating hydrogen for use with an internal combustion engine, the system comprising:
 - an exhaust venturi;
 - a condenser in fluid communication with said venturi and said air inlet, said condenser extracting water from said ambient air;
 - an air inlet between said venturi and condenser; and,
 - an electrolyzer in fluid communication with said condenser, said electrolyzer producing hydrogen gas.
6. (Original) The hydrogen generating system of claim 5 further comprising a reservoir, said reservoir being in fluid communication with said condenser and said venturi.
7. (Original) The hydrogen generating system of claim 6 further comprising a polisher, said polisher in fluid communication with said reservoir and said electrolyzer.
8. (Canceled)
9. (Canceled)
10. (Canceled)
11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Currently Amended) ~~The hydrogen generating system of claim 13 further~~ A system for generating hydrogen for use with an internal combustion engine, the system comprising:

a means for removing a portion of an exhaust gas;

a means for condensating water from said exhaust gas;

a means for storing said condensated water, said storage means coupled to said said condensating means;

a means for electrolyzing said stored condensate water;

a means for storing said hydrogen gas;

a gas inlet means, said gas inlet means including an ambient air inlet and an exhaust inlet; and

a means for determining the required condenser energy, said determining means coupled to said inlet means.

15. (Currently Amended) ~~The hydrogen generating system of claim 8 further~~ A system for generating hydrogen for use with an internal combustion engine, the system comprising:

a means for removing a portion of an exhaust gas;

a means for condensating water from said exhaust gas;

a means for storing said condensated water, said storage means coupled to said said condensating means;

a means for electrolyzing said stored condensate water;

a means for storing said hydrogen gas; and

a means for providing a reserve reservoir.

16. (Canceled)

17. (Canceled)

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24. (Canceled)

25. (Canceled)

26. (Canceled)

27. (Canceled)

28. (Canceled)